

EXHIBIT G

**Dakota Access Exclusion and Avoidance Criteria Analysis
for Reroute Locations Matrix**

**Dakota Access Exclusion and Avoidance Criteria Analysis for Reroute Locations
North Dakota PSC**

Filed Route	Prime Farmlands^a (acres within workspace)	Irrigated Lands (acres within workspace)	Geologically Unstable Areas^b	Wetlands (acres within workspace)	Woodlands (acres within workspace)	Workspace within 100 year Floodplain^c	Historic Resources or Landmarks (sites within workspace)	National, State, or County Exclusion Areas (sites within workspace)	T&E/Rare Species Critical Habitat (acres within workspace)	City Limits or Military Installation (sites within workspace)
Reroute Location 20										
December 2014	0	0	Low	2.89	0.08	N/A	0	2	0	0
March 2016	0	0	Low	1.66	0.24	N/A	0	2 ^f	0	0
<i>Net Difference</i>	0	0	--	-1.23	+0.16	--	0	0	0	0
Reroute Location 22										
December 2014	0	0	Moderate(i)	0.17	0.26	N/A	0	0	0	0
March 2016	0	0	Moderate(i)	0.37	2.38	N/A	0	0	0	0
<i>Net Difference</i>	0	0	--	+0.2	+2.12	--	0	0	0	0
Reroute Location 24										
December 2014	48.18	0	Moderate	0	0	No	0	0	0	0
March 2016	43.49	0	Moderate	0.37	0	No	0	0	0	0
<i>Net Difference</i>	-4.69	0	--	+0.37	0	--	0	0	0	0
Reroute Location 25										
December 2014	69.31	0	Moderate	0.76	0	No	0	0	0	0
March 2016	59.48	0	Moderate	0.04	0	No	0	0	0	0
<i>Net Difference</i>	-9.83	0	--	-0.72	0	--	0	0	0	0
Reroute Location 26										
December 2014	2.53	0	Moderate	1.02	0	No	0	0	0	0
March 2016	0.05	0	Moderate	0.02	0	No	0	0	0	0
<i>Net Difference</i>	-2.48	0	--	-1.00	0	--	0	0	0	0
Reroute Location 28										
December 2014	24.12	0	Moderate	0	0	No	0	0	0	0
March 2016	52.95	0	Moderate	0.06	0	No	0	0	0	0
<i>Net Difference</i>	+28.83	0	--	+0.06	0	--	0	0	0	0

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Reroute Location 31										
December 2014	38.28	0	Moderate	0	0.39	No	0	0	0	0
March 2016	44.97	0	Moderate	0	0.36	No	0	0	0	0
<i>Net Difference</i>	+6.69	0	--	0	-0.03	--	0	0	0	0
Reroute Location 34										
December 2014	41.71	0	Moderate	0.71	0	No	1	0	0	0
March 2016	41.56	0	Moderate	0.03	0	No	0	0	0	0
<i>Net Difference</i>	-0.15	0	--	-0.68	0	--	-1	0	0	0
Reroute Location 36										
December 2014	53.59	0	Moderate	0	0	No	0	0	0	0
March 2016	63.39	0	Moderate	0.24	0.17	No	0	0	0	0
<i>Net Difference</i>	+9.8	0	--	+0.24	+0.17	--	0	0	0	0
Reroute Location 42										
December 2014	32.81	7.66	Moderate	0.22	0	N/A	0	0	0	0
March 2016	33.06	9.13	Moderate	0.07	0	N/A	0	0	0	0
<i>Net Difference</i>	+0.25	+1.47	--	-0.15	0	--	0	0	0	0
Reroute Location 44										
December 2014	0	0	Moderate	0	0.11	N/A	0	0	0	0
March 2016	0	0	Moderate	0.17	0.27	N/A	0	0	0	0
<i>Net Difference</i>	0	0	--	+0.17	+0.16	--	0	0	0	0
Reroute Location 46										
December 2014	20	0	Moderate	2.53	0.15	N/A	0	0	0	0
March 2016	23.09	0	Moderate	0.48	0	N/A	0	0	0	0
<i>Net Difference</i>	+3.09	0	--	-2.05	-0.15	--	0	0	0	0

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Reroute Location 50										
December 2014	0	0	Moderate	0.6	9.06	N/A	0	0	0	0
March 2016	7.92	0	Moderate	2.07	20.44	N/A	0	0	0	0
<i>Net Difference</i>	+7.92	0	--	+1.47	+11.38	--	0	0	0	0
Reroute Location 52										
December 2014	6.89	0	Moderate	0.02	1.54	N/A	2	0	0	0
March 2016	8.78	0	Moderate	0.01	1.19	N/A	1 ^d	0	0	0
<i>Net Difference</i>	+1.89	0	--	-0.01	-0.35	--	-1	0	0	0
Reroute Location 53										
December 2014	4.48	0	Moderate	0.39	0	N/A	2	0	0	0
March 2016	8.58	0	Moderate	1.08	0	N/A	1 ^e	0	0	0
<i>Net Difference</i>	+4.1	0	--	+0.69	0	--	-1	0	0	0
TOTAL NET DIFFERENCE	+45.42	+1.47	--	-2.64	+13.46	--	-3	0	0	0

^a All impacts associated with pipeline construction would be temporary, no permanent surface impacts would occur on prime farmlands.

^a All impacts associated with pipeline construction would be temporary, no permanent surface impacts would occur on prime farmlands.

^b Geologically unstable area data from: U.S. Geological Survey Landslide Susceptibility, Low: Low landslide incidence (less than 1.5% of the area is involved), Moderate (i): Moderate landslide incidence (1.5% - 15% of the area is involved), Moderate: Moderate susceptibility to landsliding and low incidence.

^c 100 year Floodplain data from: Federal Emergency Management Agency 100 Year Flood Zones, N/A: data not available for area.

^d The same cultural site is located within both December 2014 and March 2016 workspaces, however impacts are minimized through reduction in workspace along March 2016 route. Site is included in the DAPL Cultural Mitigation Plan that will be approved by the ND SHPO.

^e Cultural site is large and is within both the December 2014 and March 2016 workspaces. Site is included in the DAPL Cultural Mitigation Plan that will be approved by the ND SHPO.

^f One USFWS wetland easement and one USFWS grassland easement are crossed on both December 2014 and March 2016 routes. These crossings are being reviewed and permitted through the USFWS Special Use Permit process.